

# MATERIAL SAFETY DATA SHEET

## I. PRODUCT IDENTIFICATION

Name: Armstrong S-199 Embossing Leveler  
Description: Water based latex emulsion

## II. DEPARTMENT OF TRANSPORTATION INFORMATION

Shipping name: Not classified Hazard Class: N/A ID #: N/A  
EMERGENCY ONLY CONTACT: CHEM-TEL -1-800-255-3924

## III. HMIS (0 = minimal hazard; 4 = severe hazard)

Health = 1 Flammability = 0 Reactivity = 0

## IV. PRODUCT CONTENT

This product does contain chemicals subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR 372. All components are on TSCA inventory. This product does NOT contain asbestos.

## V. HAZARDOUS INGREDIENTS

<u>(Chemical Identity; Common Name)</u>	<u>C.A.S. No.</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
1-Methyl-2-Pyrrolidinone	872-50-4	1	N/A 100 ppm*	N/A 100 ppm*

\*Recommended by supplier.

## VI. PHYSICAL DATA

APPEARANCE: Light blue paste. BOILING POINT (degrees F): 212° F. VAPOR PRESSURE (mm Hg @ 20 degrees C): N/K. VAPOR DENSITY (Air = 1): Heavier than air. PERCENT VOLATILE BY WEIGHT (30 min. @ 275 degrees F): 15. EVAPORATION RATE (Butyl Acetate = 1): N/K. WT/GAL (Water = 8.3): 14.44 lb. SOLUBILITY IN WATER: Dispersible. SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.74. VOC: 45 g/l calculated at 70° F/21° C, SCAQMD. pH: 8.3.

## VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method): >200° F (Seraflash Closed Tester). FLAMMABLE RANGE: LEL = N/A; UEL = N/A. EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, or water spray. SPECIAL FIRE FIGHTING PROCEDURES: Protect fire fighters from toxic products of combustion by wearing self-contained breathing apparatus. UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers in a fire may rupture due to pressure build-up; use water to cool containers to prevent this.

## VIII. HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: Inhalation, ingestion, and direct dermal exposure. TARGET ORGANS: Upper respiratory tract, skin, eyes. EFFECTS OF OVEREXPOSURE: SKIN AND EYES: Prolonged skin contact may cause skin irritation. If allowed to remain on the skin without being rinsed off with water, a thin film may form. Removal of this film may result in slight irritation dependent on the method of removal. Contact with eyes can cause severe eye irritation. INHALATION: May cause irritation to nose, throat or lungs. INGESTION: May be harmful if swallowed, can cause gastric disturbances. CARCINOGENICITY: NTP: No; IARC Monographs: No; OSHA Regulated: No. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Existing skin conditions. FIRST AID PROCEDURES: SKIN AND EYES: Remove contaminated clothing and thoroughly wash affected area with soap and water. If symptoms persist, seek medical attention. Immediately flush eyes with plenty of water for at least 15 minutes lifting upper and lower lids occasionally. Get immediate medical attention. INHALATION: Remove to fresh air if exposed to excess concentrations of vapor. Aid in breathing, if necessary. Seek immediate medical attention if symptoms persist. INGESTION: Do not induce vomiting. Call a Poison Control Center or physician for guidance.

## IX. REACTIVITY DATA

STABILITY: Stable. INCOMPATIBILITY: Strong oxidizing agents. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and other toxic vapors and gases that are common to thermal degradation or organic compounds. HAZARDOUS POLYMERIZATION: Will not occur.

Form 47506 11/98J



# S-199

Prepared 8/04 – Replaces 11/98

Armstrong World Industries, Inc.  
P.O. Box 3209  
Lancaster, PA 17604  
(717) 396-2328 or (717) 396-2935

## X. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area of spill or release. Contain spill, preventing it from entering sewer lines or waterways. Use absorbent to assist with the pick-up of material. Scrape up product and place into container. Residual of product, while still wet, can be cleaned up with warm soapy water. WASTE DISPOSAL METHOD: Dispose of container and any unused contents in accordance with Federal, State and Local Waste Disposal Regulations. Do not flush unused contents or residue down drains. Do not reuse container.

## XI. SPECIAL HANDLING AND USE INFORMATION

VENTILATION: Normal, ambient air circulation or ventilation should be sufficient. RESPIRATORY PROTECTION: With adequate ventilation, respiratory equipment should not be needed. If adequate ventilation is not afforded, wear respiratory equipment approved for organic vapors. SKIN AND EYE PROTECTION: During normal end-product use, cotton or loop-pile gloves and spectacle-type safety glasses are recommended to prevent contact with this product.

## XII. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid extreme heat or cold. Use and store in a cool, dry, well-ventilated area away from incompatible materials. OTHER PRECAUTIONS: Keep out of reach of children. Close container after each use. WORK SITE ENVIRONMENT: Initially there may be a potential adverse impact on indoor air quality within the general work area during the installation process. Therefore you should advise the building manager or other appropriate person that:

- It will be necessary to establish and maintain adequate ventilation of the work area, without causing the entry of contaminants to other parts of building; and
- Persons who are sensitive to odors and/or chemicals should be advised to avoid the work area during this process.

The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

N/A – not applicable or not available

N/K – none known or not known